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Gencore version 5.1.4_p5_4578

OM nucleic - nucleic search, using sw model
Run on: March 15, 2003, 12:16:13 ; Search time 245.37 Seconds
(without alignments)

9688.871 Million cell updates/sec

Title: US-08-978-217-15
Perfect score: 7752
Sequence: 1 GGATCTTCAAGGCACTGA..... CAGAGGGCTCTCTGAGATCC 7752
Scoring table: IDENTITY_NDC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq: *
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PCUS_COMB.seq: *
6: /cgn2_6/ptodata/1/ina/backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	215.6	2.8	1920	1 US-08-746-789A-1
2	123.6	1.6	5973	4 US-02-245-041-4
3	115.4	1.5	852	4 US-09-020-956-44
4	115.4	1.5	852	4 US-09-030-607-44
5	115.4	1.5	852	4 US-09-605-785-44
6	115.4	1.5	852	4 US-09-439-313-44
7	115.4	1.5	852	4 US-09-352-616A-44
8	115.4	1.5	852	4 US-02-232-149A-44
9	115.4	1.5	5427	3 US-09-009-913-2
10	115.4	1.5	5510	3 US-09-009-913-3
11	115.4	1.5	6667	3 US-09-009-913-4
12	115.4	1.5	7208	3 US-09-166-186-107
13	115.4	1.5	7208	3 US-09-313-93-107
14	114.5	1.5	17056	4 US-02-245-041-3
15	112	51259	3 US-09-781-891-209	
16	110.4	1.4	2411	3 US-08-188-930-75
17	110.4	1.4	2411	3 US-09-302-769-45
18	109	1.4	17056	4 US-02-245-041-3
19	107.6	1.4	9050	4 US-02-245-041-5
20	107.4	1.4	848	3 US-09-009-913-338
21	107.4	1.4	9050	4 US-02-245-041-5
22	106.6	1.4	48974	4 US-08-920-422-17
23	106.4	5000	4 US-09-302-769-45	
24	106.4	1.4	6727	3 US-09-629-643A-5
25	106.4	1.4	6727	3 US-09-280-799-1
26	106.4	1.4	6727	4 US-09-155-884-5
27	106.4	35828	4 US-09-449-218D-17	

28 105.2 1.4 4550 4 US-09-338-907-182
29 105.2 1.4 4550 4 US-09-18-207-182
30 105.4 1.4 3217 4 US-09-232-200-64
31 105.4 1.4 3217 4 US-09-232-197-64
32 105.4 1.4 3217 4 US-09-232-201-64
33 104.8 1.4 7874 4 US-09-780-175-96
34 104.8 1.4 3750 4 US-09-338-907-183
35 104.8 1.4 3750 4 US-09-218-207-183
36 104.4 1.3 48974 4 US-08-920-422-17
37 104.2 1.3 3364 2 US-08-735-603-9
38 104.2 1.3 3364 2 US-08-735-603-9
39 104.2 1.3 3364 3 US-09-315-372-9
40 104.2 1.3 3364 3 US-09-244-752-9
41 104.2 1.3 3364 3 US-09-245-497-9
42 104.2 1.3 3364 4 US-09-562-919-9
43 103.4 1.3 3293 1 US-07-923-976-1
44 102.8 1.3 4698 1 US-07-807-038-5
45 102.8 1.3 4698 1 US-08-239-849B-5

ALIGNMENTS

RESULT 1
US-08-746-789A-1
Sequence 1, Application US/08746789A
Patent No. 5789200
GENERAL INFORMATION:
APPLICANT: Ismail Kola, Martin J. Tyrris, Christine DeBouck
TITLE OF INVENTION: A No. 578900el Human ETS Family Member, ELF3
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Smedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: MICROSOFT WORD
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/746,789A
FILING DATE: No. 5789200ember 15, 1996
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: ATG 50024
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270 5219
TELEFAX: 610 270 4026
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1920
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: No
US-08-746-789A-1
Query Match 2.8%; Score 215.6; DB 1; Length 1920;
Best Local Similarity 65.6%; Pred. No. 1.6e-49;
Matches 449; Conservative 0; Mismatches 204; Indels 31; Gaps 8;
Db 1114 AGGTACTACTAACACGGAGATCTGGACCGGTGATGCCGACGCTCTCTACAG 1.173
QY 6999 AGGTATTAATCAACACGGAGATCTGGACCGGTGATGCCGACGCTCTCTACAG 7058

RESULT 4
US-09-030-607-44/c
Sequence 44, Application US/09030607
; Patent No. 622245
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FOR
; NUMBER OF SEQUENCES: 224
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEDD and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/030,607
; FILING DATE: 25-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.427C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 852 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-09-030-607-44

Query Match 1.5%; Score 115.4; DB 4; Length 852;
Best Local Similarity 74.1%; Pred. No. 6.5e-22;
Matches 146; Conservative 0; Mismatches 51; Indels 0; Gaps 0;

Qy 6258 CCCCAAGGGTACTCACCTGTGGAGTTATCGAGACATCCATTACCCGGAGCTCAA 6317
Db 401 CCCGAGAGGACTCACTATGGAAATCATCCGACATCCCTTGACCCAGACAGAA 342

Qy 6318 CGAAGGCTCATGAGTGGAGACCGCACGAGGGTGTGTCAGTTCTGCTCAGA 6377
Db 341 CCCAGGATTAATAATGGAGACCGATCTGGGGCTCTCAGTTCTGAACTCAGA 282

Qy 6378 GGCCTGGCCCACTCTGGGCCAGAGAGAGAGACAGACATGACCTATGAGAGCT 6437
Db 281 GCGAGTGCCTGCTATGGGTTAAAGAGAGACAGACAGACATGACCTATGAAAGCT 222

Qy 6438 GAGCCAGCCATGAGGT 6454
Db 221 CAGCCGAGCTATGAGAT 205

RESULT 5
US-09-605-785-44/c
Sequence 44, Application US/09605785
; Patent No. 632176
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Jiang, Yuqiu
; APPLICANT: Henderson, Robert A.
; APPLICANT: Kalos, Michael D.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Rettler, Marc W.
; APPLICANT: Stolk, John A.
; APPLICANT: Day, Craig H.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darrick
; APPLICANT: Li, Samuel
; APPLICANT: Wang, Ruijun
; APPLICANT: Skeiky, Yair A. W.
; APPLICANT: Hepler, William
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TREATMENT OF PROSTATE CANCER
; FILE REFERENCE: 210121.427C16
; CURRENT APPLICATION NUMBER: US/09/605,785
; CURRENT FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 835
; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO: 44
; LENGTH: 852
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(852)
; OTHER INFORMATION: n = A,T,C or G
; US-09-605-785-44

Query Match 1.5%; Score 115.4; DB 4; Length 852;
Best Local Similarity 74.1%; Pred. No. 6.5e-22;
Matches 146; Conservative 0; Mismatches 51; Indels 0; Gaps 0;

Qy 6258 CCCCAAGGGTACTCACCTGTGGAGTTATCGAGACATCCATTACCCGGAGCTCAA 6317
Db 401 CCCGAGAGGACTCACTATGGAAATCATCCGACATCCCTTGACCCAGACAGAA 342

Qy 6318 CGAAGGCTCATGAGTGGAGACCGCACGAGGGTGTGTCAGTTCTGCTCAGA 6377
Db 341 CCCAGGATTAATAATGGAGACCGATCTGGGGCTCTCAGTTCTGAACTCAGA 282

Qy 6378 GGCCTGGCCCACTCTGGGCCAGAGAGAGAGACAGACATGACCTATGAGAGCT 6437
Db 281 GCGAGTGCCTGCTATGGGTTAAAGAGAGACAGACAGACATGACCTATGAAAGCT 222

Qy 6438 GAGCCAGCCATGAGGT 6454
Db 221 CAGCCGAGCTATGAGAT 205

RESULT 6
US-09-313-44/c
Sequence 44, Application US/09439313
; Patent No. 6329505
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan Louise

RESULT 7

US-09-352-616A-44/C

Sequence 44, Application US/09352616A

Patent No. 6395278

GENERAL INFORMATION:

APPLICANT: Dillon, Davin C.

APPLICANT: Harlocke, Susan Louise

APPLICANT: Jiang, Yuqui

APPLICANT: Xu, Jianguchun

APPLICANT: Mitcham, Jennifer Lynn

APPLICANT: Compounds for Immunotherapy and Diagnosis

TITLE OF INVENTION: Compounds for Immunotherapy and Diagnosis

TITLE OF INVENTION: Compounds for Immunotherapy and Diagnosis

FILE REFERENCE: 210121-427C6

CURRENT APPLICATION NUMBER: US/09/352,616A

CURRENT FILING DATE: 1999-07-13

NUMBER OF SEQ ID NOS: 472

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 44

LENGTH: 852

TYPE: DNA

ORGANISM: Homo sapien

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)..(852)

OTHER INFORMATION: n = A,T,C or G

US-09-439-313-44

Query Match

Best Local Similarity 74.1%; Pred. No. 6.5e-22; Mismatches 51; Indels 0; Gaps 0;

Best Local Similarity 74.1%; Pred. No. 6.5e-22; Mismatches 51; Indels 0; Gaps 0;

Best Local Similarity 74.1%; Pred. No. 6.5e-22; Mismatches 51; Indels 0; Gaps 0;

Best Local Similarity 74.1%; Pred. No. 6.5e-22; Mismatches 51; Indels 0; Gaps 0;

QY 6258 CCCAGAGGTACTCACCCTGGAGTTATCCGAGACATCTAACCCCGAGCTAA 6317

Db 401 CCCAGAGGTACTCACCCTGGAGTTATCCGAGACATCTAACCCCGAGCTAA 342

QY 6318 CGAGGCCCTCAGNAAGCTGGAGAACCGGACAGGGGTTGTCAGTTCTCGCTCAGA 6377

Db 341 CCCAGAGGTAAATAAATGGAAAGACCGATCTGGGCGCTTCAGGTTCTCGAGTTCTCGAGA 282

QY 6378 GGCCTGGCCCAACTCTGGGCGAGAAGAGACAGAACATGCTATGAGAGCT 6437

Db 281 GGCAGTGGCTCAGTATGGGAAAGAGAACACAGCACAGCATGACCTATGAAAGCT 222

QY 6438 GAGCGAGCCATGAGGT 6454

Db 221 CAGCGAGCTATGAGAT 205

RESULT 8

US-09-232-149A-44/C

Sequence 44, Application US/09232149A

Patent No. 6465011

GENERAL INFORMATION:

APPLICANT: Xu, Jianguchun

APPLICANT: Dillon, Davin C.

APPLICANT: Mitcham, Jennifer Lynn

APPLICANT: Cancer and Methods for Their Use

FILE REFERENCE: 210121-427C6

CURRENT APPLICATION NUMBER: US/09/232,149A

NUMBER OF SEQ ID NOS: 338

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 44

LENGTH: 852

TYPE: DNA

ORGANISM: Homo sapien

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)..(852)

OTHER INFORMATION: n = A,T,C or G

US-09-232-149A-44

Query Match

Best Local Similarity 74.1%; Pred. No. 6.5e-22; Mismatches 51; Indels 0; Gaps 0;

Best Local Similarity 74.1%; Pred. No. 6.5e-22; Mismatches 51; Indels 0; Gaps 0;

Best Local Similarity 74.1%; Pred. No. 6.5e-22; Mismatches 51; Indels 0; Gaps 0;

Best Local Similarity 74.1%; Pred. No. 6.5e-22; Mismatches 51; Indels 0; Gaps 0;

QY 6258 CCCAGAGGTACTCACCCTGGAGTTATCCGAGACATCTAACCCCGAGCTAA 6317

Db 401 CCCAGAGGTACTCACCCTGGAGTTATCCGAGACATCTAACCCCGAGCTAA 342

QY 6318 CGAGGCCCTCAGNAAGCTGGAGAACCGGACAGGGGTTGTCAGTTCTCGCTCAGA 6377

Db 341 CCCAGAGGTAAATAAATGGAAAGACCGATCTGGGCGCTTCAGGTTCTCGAGTCTCGAGA 282

QY 6378 GGCCTGGCCCAACTCTGGGCGAGAAGAGACAGAACATGCTATGAGAGCT 6437

Db 281 GGCAGTGGCTCAGTATGGGAAAGAGAACACAGCACAGCATGACCTATGAAAGCT 222

QY 6438 GAGCGAGCCATGAGGT 6454

Db 221 CAGCGAGCTATGAGAT 205

RESULT 9

US-09-009-913-2

Sequence 2, Application US/09009913

Patent No. 6087485

GENERAL INFORMATION:

APPLICANT: Axsys Pharmaceuticals, Inc.

TITLE OF INVENTION: Asthma Related Genes

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)..(852)

OTHER INFORMATION: n = A,T,C or G

US-09-352-616A-44

Query Match

1.5%; Score 115.4; DB 4; Length 852;

NUMBER OF SEQUENCES: 339
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Bozicevic & Reed, LLP
 STREET: 285 Hamilton Ave, Suite 200
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94301
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/009,913
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/009,913
 FILING DATE: 21-JAN-1998
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Sherwood, Pamela J
 REGISTRATION NUMBER: 36,677
 REFERENCE/DOCKET NUMBER: SEQ-4P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-327-3231
 TELEFAX: 650-327-3231
 TELEX:
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5427 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-09-009-913-2
 Query Match 1.5%; Score 115.4; DB 3; Length 5427;
 Best Local Similarity 74.1%; Pred. No. 2.2e-21; Matches 146; Conservative 0; Mismatches 51; Indels 0; Gaps 0;
 Qy 6258 CCCACAGGTACTCACTGTTGAGGTTATCGAGACATCCATTATGCCAACCCGGAGCTAA 6317
 Db 758 CCCGACAGGGACTCAATTATGGAAATTCATCGCGAGATCTCTTGAAACCGAGACAGAA 817
 Qy 6318 CGAAGCCTCATGAGGGAGACGGAGAGGGTGTCAAGGTTCTCGCTCAG 6377
 Db 818 CCCAGGTTAATAATGGAGACGGATCTCGCTGAGACAGAA 877
 Qy 6318 CGAAGGCTCATGAGGGAGACGGAGAGGGTGTCAAGGTTCTCGCTCAG 6377
 Db 901 CCCAGGTTAATAATGGAGACGGATCTCGCTGAGACAGAA 960
 Qy 6378 GCGCGTGGCCAACTCTGGGCCAGAGAAGAGACAGAACATGACCTATGAGAGCT 6437
 Db 961 GCGAGTGGCTGAGCTATGGGTAAAGAGAGACACAGCAGCATGACCTATGAAAGCT 1020
 Qy 6438 GAGCCAGCCATGAGGT 6454
 Db 1021 CAGCCAGCTTGTAGAT 1037
 RESULT 10
 US-09-009-913-3
 Sequence 3, Application US/09009913
 ; Sequence 3, Application US/09009913
 ; Patent No. 608485
 ; GENERAL INFORMATION:
 ; APPLICANT: AxsY Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Asthma Related Genes
 ; NUMBER OF SEQUENCES: 339
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Bozicevic & Reed, LLP
 ; STREET: 285 Hamilton Ave, Suite 200
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94301
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/009,913
 ; FILING DATE: 21-JAN-1998

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/009,913
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/009,913
 FILING DATE: 21-JAN-1998
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Sherwood, Pamela J
 REGISTRATION NUMBER: 36,677
 REFERENCE/DOCKET NUMBER: SEQ-4P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-327-3231
 TELEFAX: 650-327-3231
 TELEX:
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5510 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-09-009-913-3
 Query Match 1.5%; Score 115.4; DB 3; Length 5510;
 Best Local Similarity 74.1%; Pred. No. 2.2e-21; Matches 146; Conservative 0; Mismatches 51; Indels 0; Gaps 0;
 Qy 6258 CCCAGGTTAATAATGGAGACGGATCTCGCTGAGACAGAA 960
 Db 841 CCCGAGGAACTCAATTATGGAAATTCATCGCGAGATCTCTTGAAACCGAGACAGAA 900
 Qy 6318 CGAAGGCTCATGAGGGAGACGGAGAGGGTGTCAAGGTTCTCGCTCAG 6377
 Db 901 CCCAGGTTAATAATGGAGACGGATCTCGCTGAGACAGAA 960
 Qy 6378 GCGCGTGGCCAACTCTGGGCCAGAGAAGAGACAGAACATGACCTATGAGAGCT 6437
 Db 961 GCGAGTGGCTGAGCTATGGGTAAAGAGAGACACAGCAGCATGACCTATGAAAGCT 1020
 Qy 6438 GAGCCAGCCATGAGGT 6454
 Db 1021 CAGCCAGCTTGTAGAT 1037
 RESULT 11
 US-09-009-913-4
 Sequence 4, Application US/09009913
 ; Sequence 4, Application US/09009913
 ; Patent No. 608485
 ; GENERAL INFORMATION:
 ; APPLICANT: AxsY Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Asthma Related Genes
 ; NUMBER OF SEQUENCES: 339
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Bozicevic & Reed, LLP
 ; STREET: 285 Hamilton Ave, Suite 200
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94301
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/009,913
 ; FILING DATE: 21-JAN-1998

CLASSIFICATION: PRIOR APPLICATION DATA
 APPLICATION NUMBER: 650-327-3231
 FILING DATE: 1998-10-05
 ATTORNEY/AGENT INFORMATION:
 NAME: Sherwood, Pamela J
 REGISTRATION NUMBER: 36,677
 REFERENCE/DOCKET NUMBER: SEQ-4P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-327-3231
 TELEX: 650-327-3231
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5667 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-09-009-913-4

Query Match 1.5%; Score 115.4; DB 3; Length 5667;
 Best Local Similarity 74.1%; Pred. No. 2.2e-21; Matches 51; Indels 0; Gaps 0;
 Matches 146; Conservative

QY 6258 CCCAGAGGACTCACCTGGAGTTACCGAGATCCCTTACCCAGCTCAA 6317
 Db 998 CGCGAGGAGCTACACTTATGGAAATTCTCGGACATCCCTTGAAACCCAGAACAGAA 1057
 QY 6318 CGAAGGCTCTAGAAGTGGAGAACCGCGACGGGTTGTCAGTTCTCGCTCAGA 6377
 Db 1058 CCCAGGATTAATGGAGACCCATCTGGGCTTCAGGTTCTGAATCAGA 1117
 QY 6378 GGCCTGGCCAACTCTGGGCCAGAGAGAGAAAGAACATGACCTATGAGAGCT 6437
 Db 1118 GGCAGTGCTCAGCTATGGGTTAAAGAGAACACAGCATGACCTATGAAAGCT 1177
 QY 6438 GAGCCGAGCATGAGT 6454
 Db 1178 CAGCCGAGCTATGAGAT 1194

RESULT 12
 Sequence 107, Application US/09166186A
 ; Sequence 107, Application US/09166186A
 ; Patent No. 6030580
 GENERAL INFORMATION:
 ; APPLICANT: Baker, Brenda
 ; APPLICANT: Bennett, C. Frank
 ; APPLICANT: Butler, Madeline M.
 ; APPLICANT: Shannah, William R.
 TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
 FILE REFERENCE: ISPH-0322
 CURRENT APPLICATION NUMBER: US/09/166,186A
 CURRENT FILING DATE: 1998-10-05
 NUMBER OF SEQ ID NOS: 250
 SEQ ID NO 107
 LENGTH: 7208

TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (4527..4712,5225..5279,5457..5504,5799..6217)
 FEATURE:
 NAME/KEY: exon
 LOCATION: (4713)..(4712)
 FEATURE:
 NAME/KEY: intron
 LOCATION: (4713)..(5224)

RESULT 13
 Sequence 107, Application US/09313932A
 ; Sequence 107, Application US/09313932A
 ; Patent No. 6228642
 GENERAL INFORMATION:
 ; APPLICANT: Baker, Brenda
 ; APPLICANT: Bennett, C. Frank
 ; APPLICANT: Butler, Madeline M.
 ; APPLICANT: Shannah, William R.
 TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
 FILE REFERENCE: ISPH-0356
 CURRENT APPLICATION NUMBER: US/09/313,932A
 CURRENT FILING DATE: 1999-05-18
 NUMBER OF SEQ ID NOS: 501
 SEQ ID NO 107
 LENGTH: 7208
 TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (4527..4712,5225..5279,5457..5504,5799..6217)
 FEATURE:
 NAME/KEY: exon
 LOCATION: (4371)..(4712)
 FEATURE:
 NAME/KEY: intron
 LOCATION: (4713)..(5224)

FEATURE:
 NAME/KEY: exon
 LOCATION: (5225)..(5279)
 FEATURE:
 NAME/KEY: intron
 LOCATION: (5280)..(5456)
 FEATURE:
 NAME/KEY: exon
 LOCATION: (5457)..(5504)
 FEATURE:
 NAME/KEY: intron
 LOCATION: (5505)..(5738)
 FEATURE:
 NAME/KEY: exon
 LOCATION: (5799)..(>6372)
 PUBLICATION INFORMATION:
 AUTHORS: Semen, D.
 AUTHORS: Kawashima, E.
 AUTHORS: Jongeneel, C.V.
 AUTHORS: Shakhov, A.N.
 TITLE: Nucleotide sequence of the murine TNF locus, including the TNF-alpha (tumor necrosis factor) and TNF-beta (lymphotoxin) genes
 JOURNAL: Nucleic Acids Res.
 VOLUME: 15
 ISSUE: 21
 PAGES: 9083-9084
 DATE: 1987-11-11
 DATABASE ACCESSION NUMBER: Y00467 Genbank
 ; DATABASE ENTRY DATE: 1993-05-11
 ; US-09-313-932-107

RESULT 15
 Query Match 1.5%; Score 115.4; DB 4; Length 7208;
 Best Local Similarity 79.2%; Pred. No. 2.6e-21; Matches 136; Conservative 0; Mismatches 36; Indels 0; Gaps 0;
 Matches 137; Conservative 0; Mismatches 36; Indels 0; Gaps 0;

Qy 1840 TTTGTCTGAGTTAGTTTCAAGACAGAGTTCTCTGAGCCCTGGCTCT 1899
 Db 602 TTTTTTTTTTTTTGCTTTCAGACAGGTTCTCTGAGCCCTGGCTCT 543

Qy 1900 GGAACCTACTCTGTAACACAAGGCTGGCTCGACTCAGAAATCTCTACCTCTACTCTCA 1959
 Db 542 GAACTCACTCTGTAACACAAGGCTGGCTCGACTCAGAAATCTGCTGCCTCTGCTCC 483

Qy 1960 GGAGCTCTGGGTTAAGATGTCGCTGCCCTCTCACCCCCATTGTTT 2011
 Db 10372 CGAGCTGGGATAAAGGGCTGCCACCAAGCCGGCTGAATATTCTT 10321

RESULT 15
 US-08-711-891-209
 ; Sequence 209, Application US/08781891
 ; Patent No. 6030620
 GENERAL INFORMATION:
 ; APPLICANT: Yu, Ying-Hui
 ; APPLICANT: Yu, Chang-En
 ; APPLICANT: Oshima, Junko
 ; APPLICANT: Mulligan, John T.
 ; APPLICANT: Scheiblemberg, Gerald D.
 TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO TITLE OF INVENTION: WERNER'S SYNDROME
 NUMBER OF SEQUENCES: 209
 CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: SEDD and BERRY LLP
 ; STREET: 6310 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: USA
 ; ZIP: 98104-7092
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/781,891
 FILING DATE: 27-DEC-1996
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: NO. 6090620-enburg Ph.D., Carol
 REGISTRATION NUMBER: 39,317
 REFERENCE DOCKET NUMBER: 240052.419
 TELECOMMUNICATION INFORMATION:
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 TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 209:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 51259 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-781-891-209

Query Match 1.4%; Score 112; DB 3; Length 51259;
 Best Local Similarity 71.4%; Pred. No. 8.3e-20; Matches 148; Conservative 0; Mismatches 60; Indels 0; Gaps 0;

Qy 1854 TTAGTTTCAAGACAGAGTTCTCTGAGCCCTGGCTCTGAGACTACTCTGT 1913
 Db 39674 TTGTGTTTGTAGACAGGTTCTCTGAGCCCTGGCTCTGAGACTACTCTGT 39733

Qy 1914 AGACAGGCTGGCTGAACTCAGAAATCTCTACTCTACTCTAGAGCTGGATT 1973
 Do 39734 AGACCAAGCTGGCTGAACTCAGAAATCTGCTCTGAGCTGGATT 39793

US-09-245-041-3
 Sequence 3, Application US/09245041
 ; Patent No. 6224339
 GENERAL INFORMATION:
 ; APPLICANT: Moore, K.
 ; APPLICANT: Nagle, D.
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS INCLUDING OBESITY
 FILE REFERENCE: 7853-136
 CURRENT APPLICATION NUMBER: US/09/245,041
 CURRENT FILING DATE: 1999-02-05
 EARLIER APPLICATION NUMBER: 60/093,630
 EARLIER FILING DATE: 1998-07-21
 EARLIER APPLICATION NUMBER: 60/104,978
 EARLIER FILING DATE: 1998-10-20
 NUMBER OF SEQ ID NOS: 131
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 3
 LENGTH: 17056
 TYPE: DNA
 ORGANISM: Mus musculus
 US-09-245-041-3

QY	1974	AAAGATGTCGGCTGCCCTCTCCACCCGATTGTTTGTGTTTAAAGGGCCCGGTA	2033
Db	39794	AAAGGCGCTGCCCCACTGCCCCGGCTAGATGGTACTTTTTTTAAAGTTAA	39853
QY	2034	ACAGTAATTAACATGTGATCCCTGTT	2061
Db	39854	AAGTGTTTTAAGAATGCTTGCGTAT	39881

Search completed: March 15, 2003, 15:25:49
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